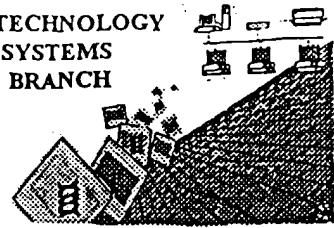


BIOTECHNOLOGY  
SYSTEMS  
BRANCH



RAW SEQUENCE LISTING  
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/623,567  
Source: FFUO  
Date Processed by STIC: 11-19-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04): U.S. Patent and Trademark Office, 220 20<sup>th</sup> Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/623,567

DATE: 11/19/2004

TIME: 10:41:17

Input Set : A:\CRF Sequence Listing.TXT  
 Output Set: N:\CRF4\11192004\J623567.raw

3 <110> APPLICANT: Seoul National University Industry Foundation  
 5 <120> TITLE OF INVENTION: Method for stimulating wound healing  
 7 <130> FILE REFERENCE: OP03-1017  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/623,567  
 C--> 9 <141> CURRENT FILING DATE: 2003-07-22  
 9 <150> PRIOR APPLICATION NUMBER: KR 2002-42858  
 10 <151> PRIOR FILING DATE: 2002-07-22  
 12 <160> NUMBER OF SEQ ID NOS: 7  
 14 <170> SOFTWARE: KopatentIn 1.71  
 16 <210> SEQ ID NO: 1  
 17 <211> LENGTH: 312  
 18 <212> TYPE: PRT  
 19 <213> ORGANISM: Homo sapiens  
 21 <400> SEQUENCE: 1  
 22 Met Ala Asn Asn Asp Ala Val Leu Lys Arg Leu Glu Gln Lys Gly Ala  
 23 1 5 10 15  
 25 Glu Ala Asp Gln Ile Ile Glu Tyr Leu Lys Gln Gln Val Ser Leu Leu  
 26 20 25 30  
 28 Lys Glu Lys Ala Ile Leu Gln Ala Thr Leu Arg Glu Glu Lys Lys Leu  
 29 35 40 45  
 31 Arg Val Glu Asn Ala Lys Leu Lys Lys Glu Ile Glu Glu Leu Lys Gln  
 32 50 55 60  
 34 Glu Leu Ile Gln Ala Glu Ile Gln Asn Gly Val Lys Gln Ile Ala Phe  
 35 65 70 75 80  
 37 Pro Ser Gly Thr Pro Leu His Ala Asn Ser Met Val Ser Glu Asn Val  
 38 85 90 95  
 40 Ile Gln Ser Thr Ala Val Thr Val Ser Ser Gly Thr Lys Glu Gln  
 41 100 105 110  
 43 Ile Lys Gly Gly Thr Gly Asp Glu Lys Lys Ala Lys Glu Lys Ile Glu  
 44 115 120 125  
 46 Lys Lys Gly Glu Lys Lys Glu Lys Lys Gln Gln Ser Ile Ala Gly Ser  
 47 130 135 140  
 49 Ala Asp Ser Lys Pro Ile Asp Val Ser Arg Leu Asp Leu Arg Ile Gly  
 50 145 150 155 160  
 52 Cys Ile Ile Thr Ala Arg Lys His Pro Asp Ala Asp Ser Leu Tyr Val  
 53 165 170 175  
 55 Glu Glu Val Asp Val Gly Glu Ile Ala Pro Arg Thr Val Val Ser Gly  
 56 180 185 190  
 58 Leu Val Asn His Val Pro Leu Glu Gln Met Gln Asn Arg Met Val Ile  
 59 195 200 205  
 61 Leu Leu Cys Asn Leu Lys Pro Ala Lys Met Arg Gly Val Leu Ser Gln  
 62 210 215 220  
 64 Ala Met Val Met Cys Ala Ser Ser Pro Glu Lys Ile Glu Ile Leu Ala

Does Not Comply  
 Corrected Diskette Needed  
 (P5,2) ↵



## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/623,567

DATE: 11/19/2004

TIME: 10:41:17

Input Set : A:\CRF Sequence Listing.TXT  
 Output Set: N:\CRF4\11192004\J623567.raw

152 <211> LENGTH: 30  
 153 <212> TYPE: DNA  
 154 <213> ORGANISM: Artificial Sequence  
 156 <220> FEATURE:  
 157 <223> OTHER INFORMATION: IF3 primer for PCR  
 160 <400> SEQUENCE: 4  
 161 gaggacaatg tgctccataa acactcactg 30  
 164 <210> SEQ ID NO: 5  
 165 <211> LENGTH: 27  
 166 <212> TYPE: DNA  
 167 <213> ORGANISM: Artificial Sequence  
 169 <220> FEATURE:  
 170 <223> OTHER INFORMATION: IR3 primer for PCR  
 173 <400> SEQUENCE: 5  
 174 cgttacttaa gctagcttgc cacctac 27  
 177 <210> SEQ ID NO: 6  
 178 <211> LENGTH: 31  
 179 <212> TYPE: DNA  
 180 <213> ORGANISM: Artificial Sequence  
 182 <220> FEATURE:  
 183 <223> OTHER INFORMATION: pKOF2 primer for PCR  
 186 <400> SEQUENCE: 6  
 187 tgacatgggtt gccagagaag gttctcaagg a 31  
 190 <210> SEQ ID NO: 7  
 191 <211> LENGTH: 838  
 192 <212> TYPE: DNA  
 193 <213> ORGANISM: Artificial Sequence  
 195 <220> FEATURE:  
 196 <223> OTHER INFORMATION: p43-specific probe for Northern blot  
 199 <400> SEQUENCE: 7  
 200 ggtcaccgct tcatgtttct ctgccgattc tggggaaaga tggcaacgaa tgatgctgtt 60  
 202 ctgaagggc tggagcagaa gggtcagag gcggatcaga tcatacgata tctcaaggcag 120  
 204 cagggtgctc ttcttaagga gaaagcaatt ttgcaggca caatgagaga agaaaagaaa 180  
 206 cttcgagttg aaaatgctaa actgaaaaaa gaaatagaag agctaaagca agagctgatt 240  
 208 ctggcagaaa ttccataacgg agtggagcaa gtgcgtgtt gattgagtag tccactgcag 300  
 210 acgaactgtta ctgcttctga aagtgtgggt cagtctccat cagtagcaac caccgcctct 360  
 212 cctgctacaa aagagcagat caaagcggga gaagaaaaga aggtgaaaga gaagactgaa 420  
 214 aagaaaaggag agaaaaagga gaagcagcag tcggcagcag caagtactga ctccaaggct 480  
 216 atcgacgcat cgcgtctgga tcttcgaatt ggttgtattt ttactgccaa gaagcaccct 540  
 218 gatgcagatt cactgtatgt ggaggaagta gatgtgggag aagcagcccc ggcacggtc 600  
 220 gtcagcgggc tggtaatca tgttcctcta gaacagatgc aaaatcgat ggtggttta 660  
 222 ctctgtatc tgaaggctgc aaagatgcgg ggagttctgt ctcaagccat ggtgtatgt 720  
 224 gccagttcac cagagaaaatg ggagattctg gcccctccca acgggtccgt tcctggggac 780  
 226 agaattactt ttgatgctt tcctggagag cctgacaagg agctaaaccc taagaaga 838

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/623,567

DATE: 11/19/2004  
TIME: 10:41:18

Input Set : A:\CRF Sequence Listing.TXT  
Output Set: N:\CRF4\11192004\J623567.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72  
Seq#:3; N Pos. 73,74,75,76,77,78,79,646,647,648,649,650,651,652,653,654,655  
Seq#:3; N Pos. 656,657,658,659,660,661,662,663,1212,1213,1214,1215,1216  
Seq#:3; N Pos. 1217,1218,1219,1220,1221

VARIABLE LOCATION SUMMARY  
PATENT APPLICATION: US/10/623,567

DATE: 11/19/2004  
TIME: 10:41:18

Input Set : A:\CRF Sequence Listing.TXT  
Output Set: N:\CRF4\11192004\J623567.raw

Use of n's or Xaa's(NEW RULES): Error Explanation: ↴  
Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
in <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:3; N Pos. 53,54,55,56,57,58,59,60,61,62,63,64,65,66,67,68,69,70,71,72  
Seq#:3; N Pos. 73,74,75,76,77,78,79,646,647,648,649,650,651,652,653,654,655  
Seq#:3; N Pos. 656,657,658,659,660,661,662,663,1212,1213,1214,1215,1216  
Seq#:3; N Pos. 1217,1218,1219,1220,1221

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/623,567

DATE: 11/19/2004

TIME: 10:41:18

Input Set : A:\CRF Sequence Listing.TXT  
Output Set: N:\CRF4\11192004\J623567.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No  
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:108 M:258 W: Mandatory Feature missing, <221> Tag not found for SEQ ID#:3 *✓*  
L:108 M:258 W: Mandatory Feature missing, <222> Tag not found for SEQ ID#:3 *✓*  
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0  
M:341 Repeated in SeqNo=3